

REMARKS/ARGUMENTS

In the Office Action, the Examiner has rejected the claims 1, 2, 5, 6, 8, 9, 12, 13, 15, 16, 17, 23, and 24 under 35 U.S.C. 112, second paragraph, as being indefinite. Solely in order to expedite prosecution, claims have been amended. It is respectfully requested that the Examiner withdraw this rejection. The Examiner has also rejected claims 1-4, 6-11, 13-17, 21, 22, and 25-27 under 35 U.S.C. 102(a) as being anticipated by U.S. Patent No. 6,151,703 (*Crelrier*). Claim 5 has been presented in an independent form and has been further amended to additionally recite features of claims 2, 5 and 7. Similarly, other independent claims have been amended to additionally recite features of dependent claims. No substantive claim amendment has been made. Accordingly, it is respectfully requested that the Examiner enter this amendment. The Examiner's rejection is fully traversed below.

(a) *Crelrier* does NOT teach or suggest an object representation that includes an array of references such that each reference references an instance field of the object being represented (claim 5)

It is respectfully submitted that the Examiner has NOT even addressed this feature in the Final Office Action as the Examiner has merely alleged that "a method table 420, in turn, includes a list of methods for the objects of the class" (Final Office Action, page 5). Clearly, a list of methods does NOT teach or even remotely suggest an array of references that each references an instance field of an object. Moreover, it is respectfully submitted that *Crelrier* does NOT teach or suggest this feature.

(b) The combination of *Crelrier* and *Brown* do NOT teach or suggest an object representation that includes a first reference to an internal class representation that includes a header of predetermined size which is immediately followed by a method table (claim 5)

In the Final Office Action, the Examiner has admitted that *Crelrier* does NOT teach an internal class representation which includes a header of a predetermined size (Final Office Action, page 9). Nevertheless, the Examiner has asserted that *Crelrier* teaches that the method table is allocated immediately after the header. Clearly, the

Examiner's rejection is improper as it would be impossible for *Crelrier* to teach that a method table is allocated immediately after the header in the internal class representation when admittedly *Crelrier* does NOT teach internal class representation which includes the header. Moreover, it is respectfully submitted that the combination of *Crelrier* and *Brown* do NOT teach or suggest these features.

(c) *Crelrier* does NOT teach or suggest an object representation that includes a direct reference to an internal class representation (claim 8)

It is respectfully submitted that this feature has NOT been addressed in the Final Office Action. Moreover, it is respectfully submitted that *Crelrier* does NOT teach or suggest this feature.


CONCLUSION

Based on the foregoing, it is submitted that all pending claims are patentably distinct over the cited art of record. Additional limitations recited in the independent claims or the dependent claims are not further discussed because the limitations discussed above are sufficient to distinguish the claimed invention from the cited art. Accordingly, Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner.

Applicants hereby petition for an extension of time which may be required to maintain the pendency of this case, and any required fee for such extension or any further fee required in connection with the filing of this Amendment is to be charged to Deposit Account No. 500388 (Order No. SUN1P831). Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,

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